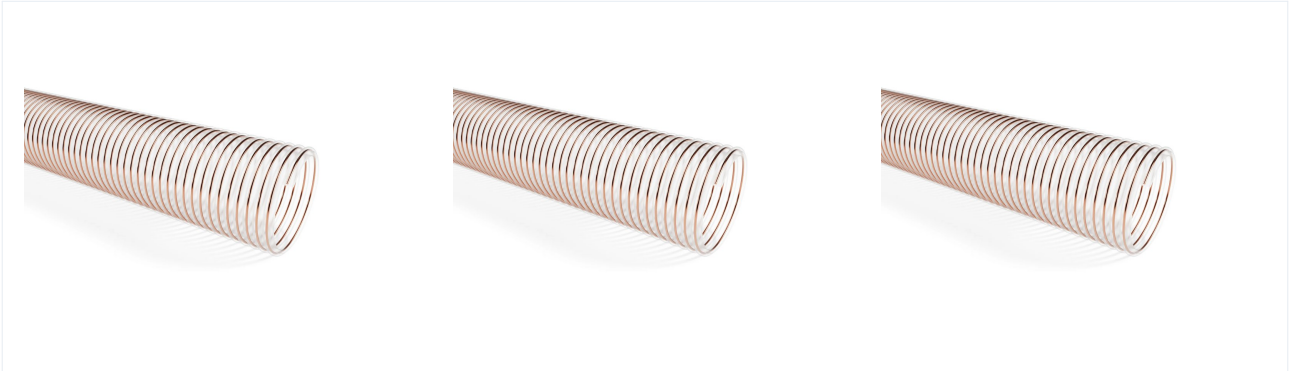


FOOD/PHARMA

AIRDUC® PUR 356 FOOD REINFORCED (XXHD)

Extreme heavy-duty food hose — XXHD construction for high throughput of strongly abrasive foods



The absolute top of the AIRDUC® FOOD family. The XXHD construction — "extra extra heavy duty" — is built for processes where even an XHD hose would be a replaceable wear element. The wall thickness and reinforcement are markedly higher than the rest of the series, and the hose is specifically designed for high throughput of strongly abrasive foods. Food-grade per all categories in EU 10/2011 (A-E + D2), GMP EU 2023/2006, FDA 21 CFR 177.2600.

Media: Gas, Dust, Liquid

Temp: -40 °C to 90 °C

✓ Cut to length

APPLICATIONS

- Pneumatic conveyance of solid grain, feed and granulate with high abrasion value
- Industrial-scale bulk distribution of dry foods
- Tablet presses with extremely abrasive active ingredients
- Vacuum pumps and high-volume food production
- Silo trucks with heavy pneumatic loading

Technical specifications

Material	Polyurethane (PUR), food-grade — extra reinforced
Colour	Transparent
Wall construction	Extra extra heavy duty (XXHD), heavily reinforced food-grade PUR
Spiral material	spring steel wire, embedded in PUR wall
Conveying media	Gas, Dust, Liquid
Temperature range	-40 °C – 90 °C
Short-term peak	125 °C
Cut to length	Yes
Manufacturer SKU	3565100

Standards and compliance

EU 1935/2004, EU 10/2011, fda-21-cfr-177-2600, gmp-eu-2023-2006, ifgb, REACH, RoHS

Dimensions and ordering

The hose is supplied in 1 standard sizes from inner Ø 50.0 mm to 50.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Wall th. [mm]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Article no.
50	65	3.5	4.065	1	189	15	1.55	35600505100

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

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This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.